

Over Drive Features

- Mounts Directly to DataMan 500 camera
- SafeStrobe Technology ensures protected operation of LED's
- Standard T-Slots for Mounting
- Industry Standard M12 Quick Disconnect
- High Speed >> Fast Response (up to 2000 Strokes Per Second)



Electrical Input	Voltage: 24 VDC (28VDC Maximum - 20VDC Minimum)
Duty Cycle	Maximum 10%
Test Strobe Input	PNP ► +4VDC or greater to activate, 30VDC max. (Test Mode Only)
Current	Max 8A draw during strobe - Max Average 800mA
Strobe / Pulse Time	Maximum Single Pulse = 125ms
Power	Smart Vision Lights recommends 8 amps of supply current. *See below

Power supplies with "power boost" or storage of power can be used with smaller current rating. The "boost" power supplies store current for a small time period allowing a smaller wattage power supply. 8 amps will be needed if the power supply does not have "boost".

Recommended power supply – 24VDC / 3.5 amp Quint series by Phoenix Contact P/N 2866747



Important

Please note that the power requirements are 8 amps at 24VDC. Failure to supply light with 8 amps (peak) will result in non-repeatable lighting. Contact Smart Vision Lights for more information.

ODDM – XXX – X* —> Part Number Key

Product Family: Linear Light ODDM	Color: 365, 395, 470, 505, 530, 590, 625, 850, 940 & WHI (White)	Lenses: W - Wide
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* Lights come standard with Narrow lenses
CE and RoHS Compliant

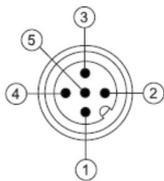
Smart Vision Lights cables are 5 conductors M12 in 18AWG wire. 18AWG is recommended for ALL OverDrive series and standard series lights. 18AWG is necessary to strobe lights at full current. Common M12 cables are 22AWG. Standard 22AWG wires will not supply full power needed for our light. Smart Vision Lights recommends the cable from the power supply to the light be kept to a minimum.



M12 5 Pin cable color code

PIN	Wire Color	Function	Signal
1	BROWN	Power	+24 VDC
2	WHITE	No Connection	
3	BLUE	Ground	GND
4	BLACK	Test Strobe	4VDC to 30VDC for Active ON
5	GREEN (GRAY)	No Connection	

Pin and Cable Color Assignment



Connector on Light

- 1 = 24VDC
- 2 = No Connection
- 3 = GND
- 4 = TEST STROBE
- 5 = No Connection

Standard M12 mating cable color

- BROWN
- WHITE
- BLUE
- BLACK
- GREEN (GRAY)

Pin 4 is test input to strobe light. Only needed to test fire light.